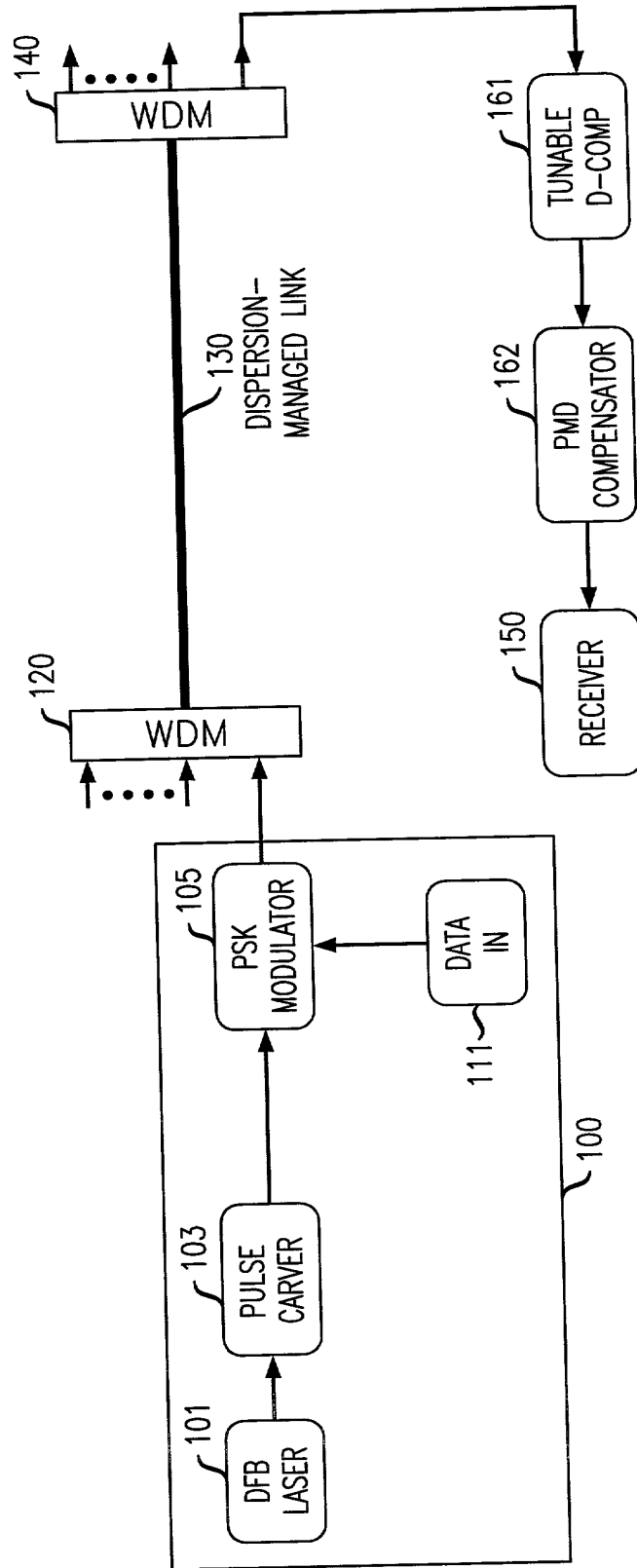


1/7

FIG. 1



2/7

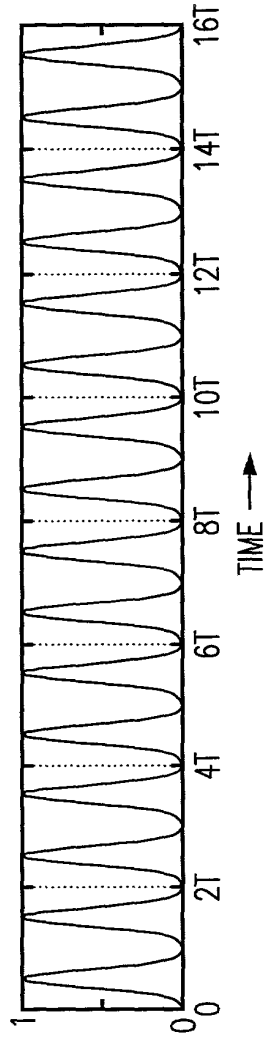


FIG. 2a
RZ PULSES

0 0 0 1 0 1 0 0 1 0 1 0 1 1 0 1

FIG. 2b
DATA

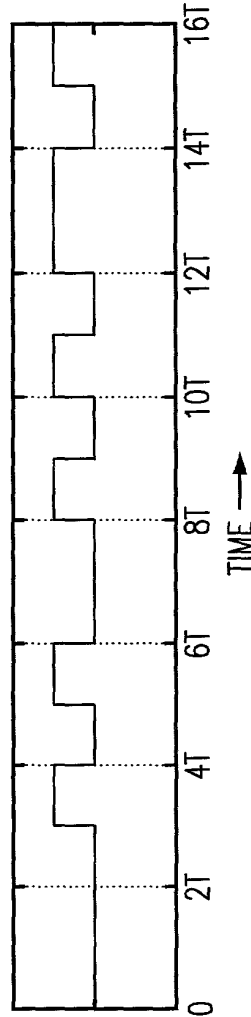


FIG. 2c
ELECTRICAL SIGNAL

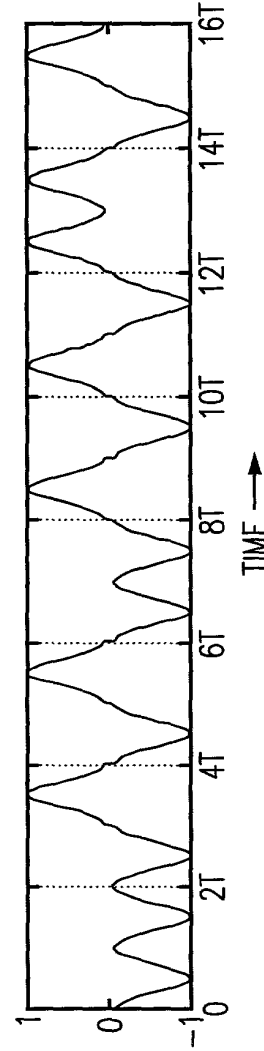


FIG. 2d
PSK E-FIELD

T = BIT PERIOD

3/7

FIG. 3

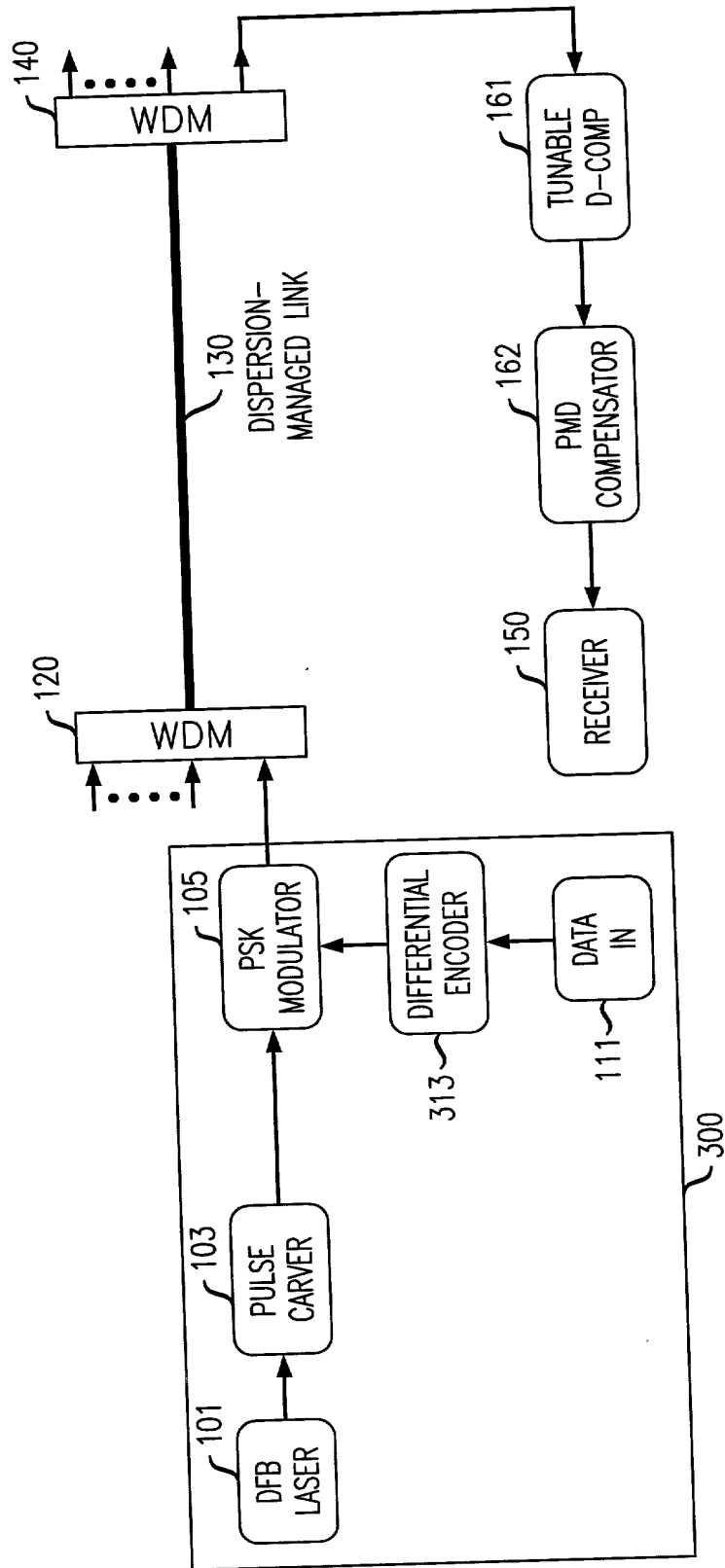


FIG. 4a
DATA

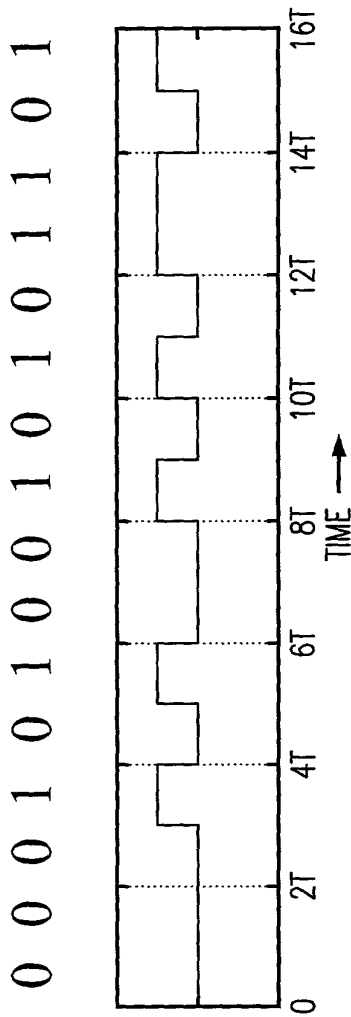


FIG. 4b
ELECTRICAL SIGNAL

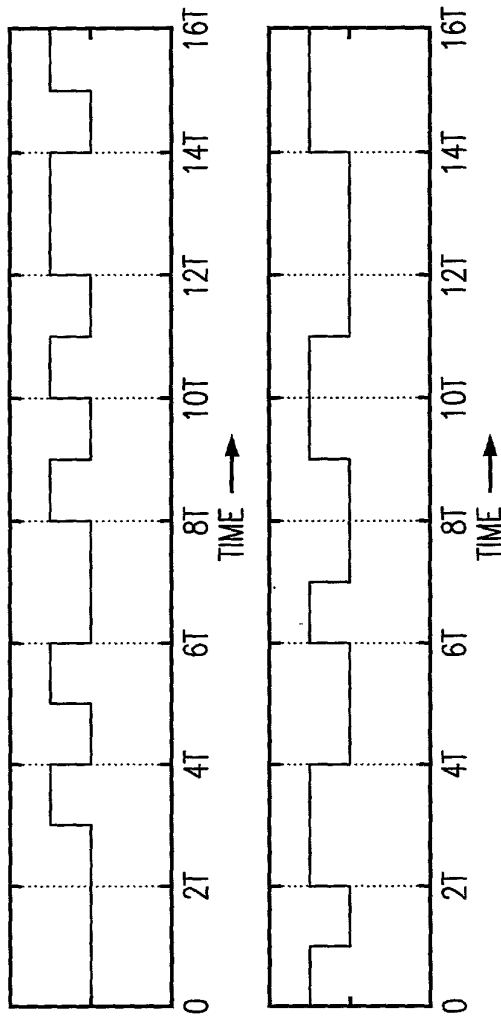


FIG. 4c
ELECTRICAL SIGNAL
AFTER DPSK ENCODER

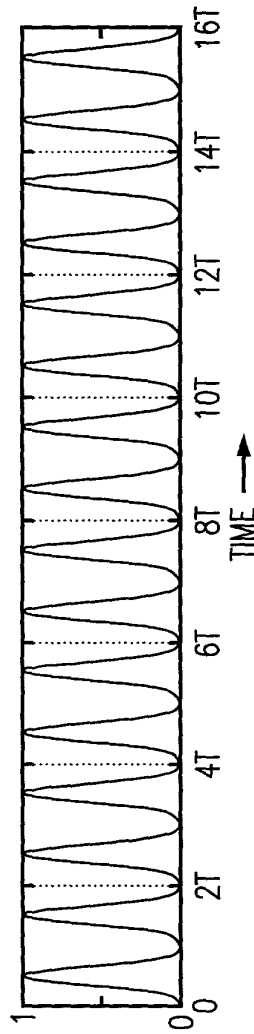
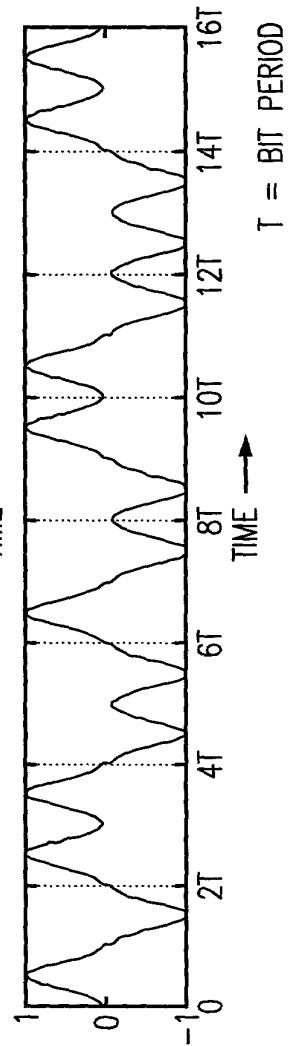


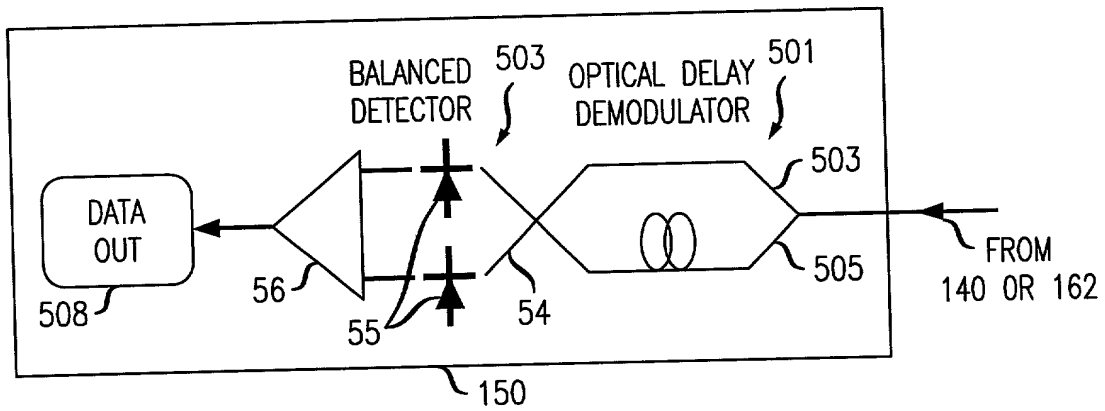
FIG. 4d
RZ PULSES



T = BIT PERIOD

5/7

FIG. 5



6/7

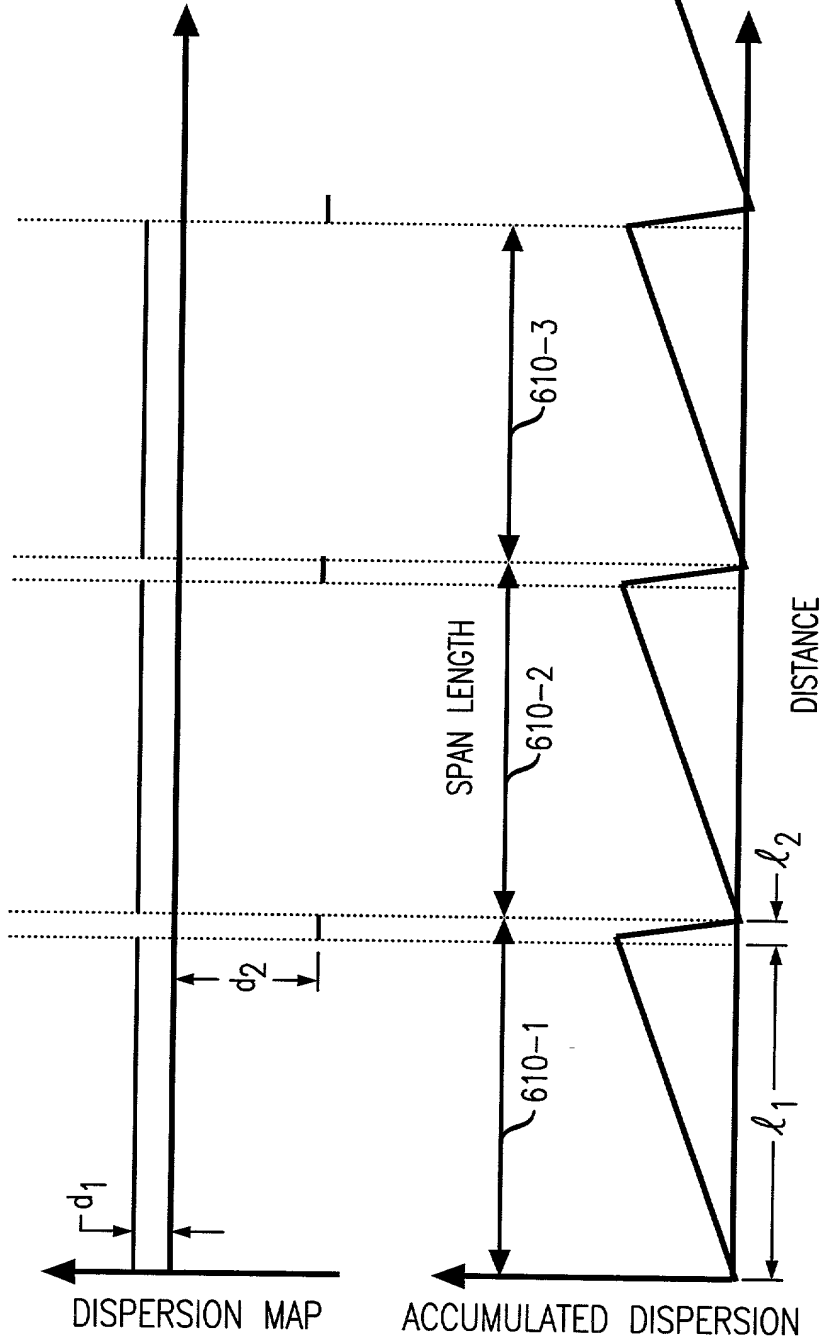


FIG. 6a

FIG. 6b

7/7

FIG. 7

DISPERSION MANAGEMENT IN A DMS SYSTEM

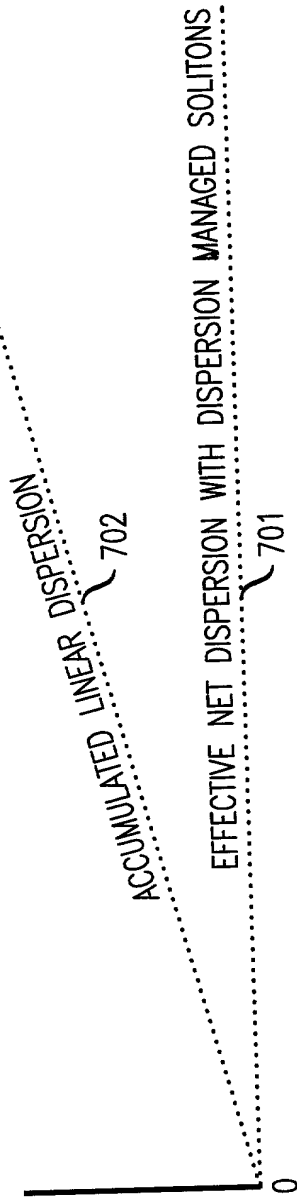
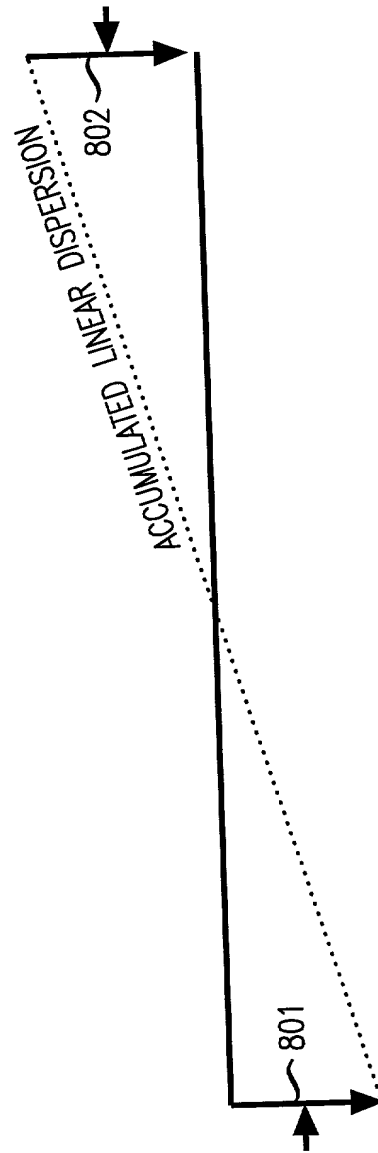


FIG. 8

DISPERSION MANAGEMENT IN A RZ (NON-DMS) SYSTEM

POST-COMPENSATION



PRE-COMPENSATION